

Commercial **Solar & Battery** Storage Solutions

Engineered for Performance.
Built for Business.



**Energy
Independence**
www.powerprovider.co.za

See how we helped PRASA save **R12 million** annually



Watch the full
project video here

SCAN HERE



1MW

Solar PV
Capacity



2.2MWh

Battery Energy
Storage



R63M

Project Value



R12M

Annual
Savings



24/7

Monitoring &
Support



About Us

Why Businesses Choose Energy Independence

We deliver reliable, cost-effective and sustainable energy solutions that helps businesses take control of their energy future.



Commercial Solar Specialists

Focussed on Commercial, Industrial, Agriculture and Hospitality projects.



Turnkey EPC Solutions

Engineer, Procure and Construct - end to end turnkey solutions.



Operating across Southern Africa

Proven experience in 4 different countries



Commercial Financing Available

Flexible financing options available with Investec and FNB.



Long-term Partnership

Ongoing support, maintenance & performance monitoring



Tier 1 Technology

We only use quality brands you can trust.

POWERING BUSINESS. BUILDING INDEPENDENCE.

Sustainable energy solutions designed for today.
Built for tomorrow.



50+
Projects
Completed



10MW+
Solar PV
Installed



4
Countries
Served



100%
Customer
Satisfaction

What we do

Integrated Energy Solutions for Your Business

We design and deliver customised energy systems that **reduce costs**, **increase resilience** and **future-proof** your operations.



Commercial & Industrial Solar Installations

Expert design, supply, and turnkey EPC of high-performance solar PV systems tailored to your energy demands, from rooftops and carports to large ground-mounted arrays.



Battery Energy Storage Systems (BESS)

Advanced lithium-ion storage solutions that maximise self-consumption, provide backup power, and reduce reliance on the grid.



Energy Management & Monitoring

Intelligent real-time monitoring and energy management systems for optimised performance, cost savings, and full visibility of your solar and storage assets.



Solar Financing Solutions

Flexible funding options through our trusted partners Investec and FNB, making large-scale solar and BESS projects affordable with competitive terms and minimal upfront capital.

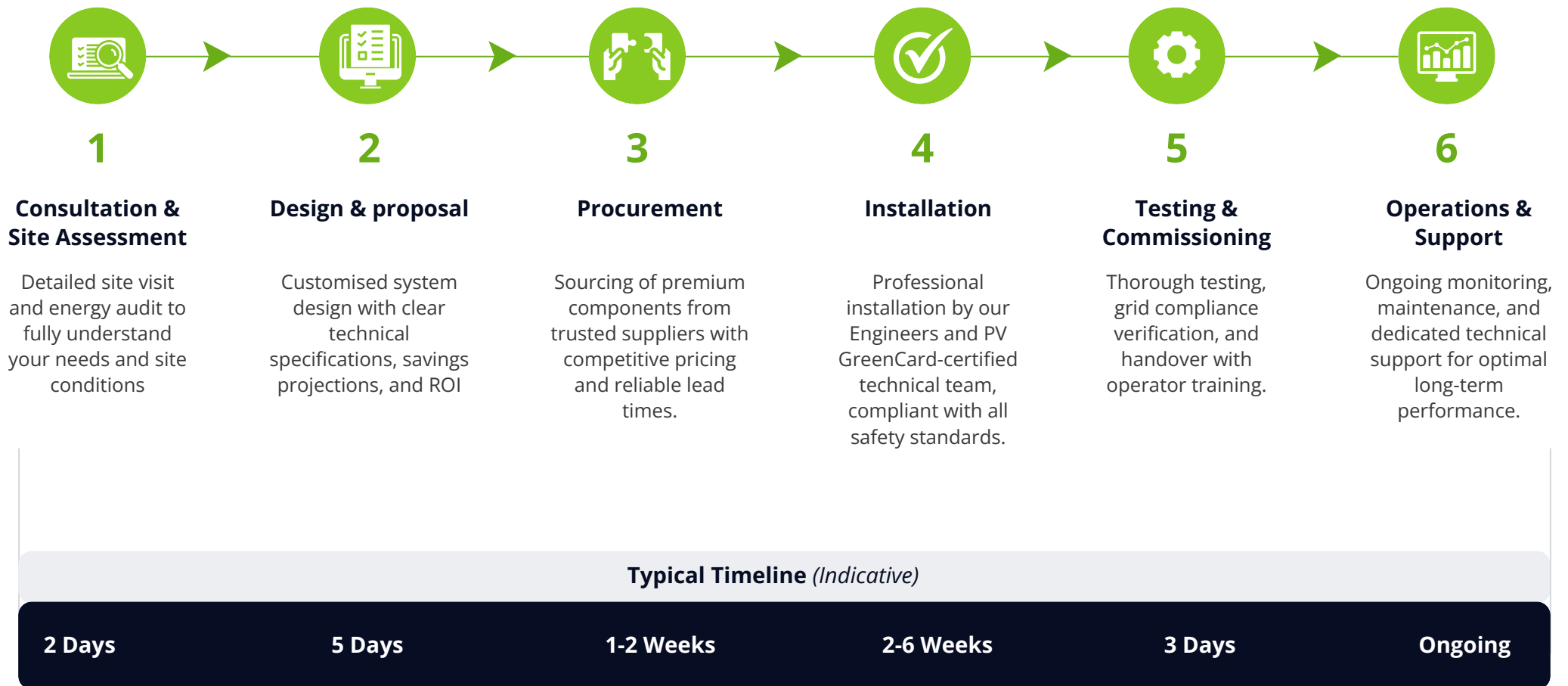


End-to-end expertise — from feasibility and design through to installation, compliance, and ongoing maintenance and support.

Our Commercial Installation Process

A Proven 6-Step Process

We keep it simple, transparent and professional from start to finish.



Solar Financing Options for Your Business

Three Flexible Ways to Invest

We understand that every business has unique financial needs. That's why we've partnered with leading financial institutions to offer flexible financing solutions that make clean, reliable energy simple, accessible and affordable.

FINANCING PARTNERS



Structured finance solutions
for your energy projects.



Flexible funding solutions to
help your business grow.



1. POWER PURCHASE AGREEMENT (PPA)

Zero upfront cost. Pay for the power you use.

We design, install and operate your solar system at no upfront cost. You simply pay a fixed rate for the electricity your system generates.

	BEST FOR:	Businesses looking to reduce costs with no capital investment
	UPRONT COST:	R0
	MONTHLY PAYMENT:	Pay only for the energy you use
	OWNERSHIP:	Bank
	CONTRACT TERM:	5-10 Years
	TAX BENEFIT:	None
	INCLUDES:	Design, Installation, Operation, Maintenance & Monitoring
	BENEFITS:	No capital outlay, predictable energy costs, immediate savings

SAVE FROM DAY ONE. LOWER ENERGY COSTS. ZERO CAPITAL RISK



2. RENT - TO - OWN

Low monthly payments. Full Ownership.

Spread the cost of your solar system over 36 - 60 months with affordable monthly payments. Once the term is complete, the system is 100% yours.

	BEST FOR:	Businesses that want to preserve cash flow and own the system
	UPRONT COST:	Low / No deposit (subject to approval)
	MONTHLY PAYMENT:	Fixed monthly instalments
	OWNERSHIP:	You (after final payment)
	CONTRACT TERM:	36 - 60 Months
	TAX BENEFIT:	You claim some available tax benefits
	INCLUDES:	Design, Installation, Maintenance & Monitoring
	BENEFITS:	Own your system, improve cash flow, reduce energy costs

OWN YOUR POWER. LOW MONTHLY PAYMENTS. LONG-TERM VALUE.



3. PURCHASE

Invest today. Benefit for decades.

Purchase your solar system outright and start saving immediately. You own the asset from day one and enjoy maximum long-term returns.

	BEST FOR:	Businesses with available capital seeking maximum ROI
	UPRONT COST:	100% upfront payment
	MONTHLY PAYMENT:	None
	OWNERSHIP:	You (from day one)
	CONTRACT TERM:	N/A
	TAX BENEFIT:	You claim all available tax benefits
	INCLUDES:	Design, Installation, Maintenance & Monitoring
	BENEFITS:	Highest ROI, full control, long-term savings

MAXIMUM SAVINGS. MAXIMUM CONTROL. MAXIMUM ROI

ADDITIONAL BENEFITS ACROSS ALL OPTIONS:

PREDICTABLE ENERGY COSTS

Protect your business from rising electricity prices.

IMPROVE YOUR SUSTAINABILITY

Reduce your carbon footprint and meet ESG goals.

ENERGY SECURITY

Reliable, uninterrupted power for your operations.

INCREASE YOUR PROPERTY VALUE

Solar assets increase the value of your property.

South African Solar Tax Benefits

Maximise Your Investment.

Minimise Your Tax.

The way you finance your solar system has a major impact on your tax savings. Understanding the difference between outright purchase and rent-to-own can help you make the most tax-efficient decision for your business.



1. OUTRIGHT PURCHASE

BEST TAX BENEFITS

This is the most tax-efficient option for your business

12B	SECTION 12B ALLOWANCE	Up to 100% deduction in Year 1 for solar PV and inverters (renewable energy assets.)	★★★★★ VERY STRONG
12C	SECTION 12C ALLOWANCE	Additional allowances for certain energy efficiency assets.	★★★★★ SUPPLEMENTARY
VAT	VAT	Claim full 15% input VAT back immediately.	★★★★★ CASH FLOW POSITIVE
	DEPRECIATION	Can claim accelerated wear and tear allowances.	★★★★★ FLEXIBLE
	CARBON TAX / REBATES	Potential additional carbon tax savings and rebates.	★★★★★ LONG-TERM BENEFIT



BEST FOR:

Companies with taxable profits who want maximum upfront tax relief.



1. RENT-TO-OWN / OPERATING LEASE (SECTION 11(A))

LESS TAX BENEFITS

You can deduct the full monthly rental payment as an operating expense under Section 11(a).

11(a)	FULL MONTHLY RENTAL	Deduct the full rental payment each month as an operating expense.	● REVENUE EXPENSE (SECTION 11(a))
VAT	VAT	Claim input VAT on each rental payment.	● MONTHLY RECOVERY
	DEPRECIATION	Usually claimed by the lessor / financier, not you.	● NO DEPRECIATION CLAIM FOR YOU
	OWNERSHIP	Ownership transfers to you at the end of the agreement.	● DELAYED BENEFIT



Important: If the agreement is a true **OPERATING LEASE**, the full rental is deductible under Section 11(a). If it is a **FINANCE LEASE** (you take on most risks and rewards of ownership), SARS may treat it as a loan, and only the interest portion is deductible.

SUMMARY COMPARISON

OUTRIGHT PURCHASE (SECTION 12B)

RENT-TO-OWN / OPERATING LEASE (SECTION 11(A))

WINNER

	TAX DEDUCTION IN YEAR 1	● Up to 100% (Section 12B)
	VAT RECOVERY	● Immediate (15% upfront)
	TOTAL TAX BENEFIT	● Much Higher
	CASH FLOW	● Large initial outlay
	OWNERSHIP	● Immediate

● Full rental monthly (Section 11(a))
● Monthly (spread over term)
● Lower overall (spread over term)
● Better monthly cash flow
● At the end of the term

OUTRIGHT
OUTRIGHT
OUTRIGHT
RENT-TO-OWN / LEASE
OUTRIGHT

PROJECT SHOWCASE

PRASA TRAIN STATION DURBAN, KZN, SOUTH AFRICA

1MW 2.2 MWH BATTERY ENERGY STORAGE SYSTEM



prasa
PASSENGER RAIL AGENCY
OF SOUTH AFRICA



1MW

**Solar PV
Capacity**



2.2MWh

**Battery Energy
Storage**



R63M

Project Value



R12M

**Annual
Savings**



24/7

**Monitoring &
Support**

Energy Independence completed the 1MW Renewable Energy Solar Project for Durban PRASA Train Station, launched by Transport Minister Barbara Creecy on 28 October 2025. Marking a pivotal advancement in sustainable energy infrastructure for South Africa's public transport sector.

The Battery Energy Storage System (BESS) mitigates ongoing load-shedding challenges, reduces reliance on the national grid, lowers operational costs, and minimises the carbon footprint for rail operations. The rooftop photovoltaic (PV) system generates clean energy to fully power the station, serving as a pilot for broader renewable rollouts.

The project cost of R63 million is projected to yield annual savings of R12 million, achieving a return on investment of 20% p.a and five year break even.

The project not only enhances service reliability during power disruptions but also supports economic growth, job creation, and community development, paving the way for expanded solar installations across additional stations and facilities for a greener, more resilient transport system.

PROJECT OBJECTIVES:



Power 80-100% of PRASA Durban Station



Become energy independent with predictable costs



Minimise PRASA's carbon footprint

KEY FACTS:



Installation Date: April 2025 - November 2025



Inverter Capacity: 2 x 500kW Inverters (1MW)



Solar Capacity: 2000 PV Panels for 1MW of PV Generation



Battery Capacity: 2.2 MWH Battery Energy Storage System



Long Term Saving: R12m p.a in existing electrical costs

THE SOLUTION

We designed and installed a 1MW solar PV system with a 2.2MWh battery storage solution to deliver reliable, cost-effective energy.

THE TECHNOLOGY

Tier 1 solar panels, advanced inverters and a lithium battery energy storage system ensure maximum performance and system reliability.

LIVE MONITORING

24/7 remote monitoring ensures optimal performance, rapid issue resolution and maximum system uptime.

THE IMPACT

Powering 80-100% of the station, reducing reliance on the grid, lowering costs and enabling a greener, more resilient transport network.



PROJECT SHOWCASE

UNITED AIR CHARTER LIVINGSTONE, ZAMBIA

90 KW SOLAR PV & 309 KWH BATTERY ENERGY STORAGE SYSTEM

100% OFF-GRID. 100% ENERGY INDEPENDENT



100kWp
Solar PV
Capacity



309kWh
Battery Energy
Storage



100%
Off-Grid



\$50,000
Annual
Savings



24/7
Monitoring &
Support

United Air Charters, based in Livingstone, Zambia, partnered with Energy Independence (Pty) Ltd to deploy an off-grid solar energy system. This installation powers their airplane hangar, restaurant, chalets, and owner's residence, addressing the region's unreliable grid supply.

Zambia faces frequent power outages, with load-shedding lasting up to 12 hours daily, making diesel generators an unsustainable and costly alternative for operations. The project's primary goal was to maximise solar generation by utilising the available roof space on the airplane hangar, enabling United Air Charters to fully disconnect from ZESCO (the national power utility) and achieve complete energy self-sufficiency.

Energy Independence delivered a 90kW system (3 x 30kW HV Deye inverters), 150kWh battery storage (3x Hubble Energy HV-512 batteries) and 100kW solar power (180 x 550W Canadian Solar PV Panels).

United Air Charter operates entirely off-grid since July 2024, demonstrating the system's reliability, redundancy and long-term viability in a challenging energy environment.

PROJECT OBJECTIVES:



Maximise solar production



Disconnect from national power utility



Cost saving and Sustainable future

KEY FACTS:



Installation Date: July 2024



Inverter Capacity: 90kW (3x30kW HV Deye Inverters)



Solar Capacity: 100kWp of PV Generation (180 x 550W Canadian Solar Panels)



Battery Capacity: 309kWh (6 x 51.5kWh)



Long Term Saving: \$ 50,000 (R850.00) per annum

MAXIMISED SOLAR PRODUCTION

Utilising the available roof space to generate clean, reliable and uninterrupted energy.

100% ENERGY INDEPENDENT

Fully disconnected from ZESCO and operating completely off-grid.

COST SAVING SOLUTIONS

Saving approximately \$50,000 per annum on electricity costs.

SUSTAINABLE FUTURE

Reducing carbon emissions and ensuring a greener tomorrow.



PROJECT SHOWCASE



SOSHANGUVE SHOPPING CENTRE

PRETORIA, SOUTH AFRICA

105KW 215KWH BATTERY ENERGY STORAGE SYSTEM



80%

Reduced
energy costs



215kWh

Battery Energy
Storage



100%

Uninterrupted
Operations



R 50,000

Monthly
Savings



< 3 Years

Payback
Period

Energy Independence installed a Hubble Cube hybrid solar and battery system for Usave Shoshunguve Shopping Centre, addressing load shedding, rising tariffs, and operational disruptions.

Energy Independence conducted a load logging assessment to determine the ideal solution. Hubble Energy Cube was selected as the ideal solution that enables 80% electricity bill reduction through peak shaving.

Solar energy powers the full daytime load (8am-4pm) while simultaneously recharging batteries. Batteries handle evening (5pm-8pm) and morning (6am-8am) peaks, while off-peak times uses grid.

It delivers 100% clean, surge-free power, eliminates diesel generator costs, and boosts the centre's return with a payback under 3 years and over 30% return on investment.

PROJECT OBJECTIVES:



Reduce electricity costs by 80% via peak shaving and time-of-use optimisation



Ensure uninterrupted operations with no uninterrupted power outages or surges



Provide sustainable, clean power to enhance tenant services and eliminate diesel reliance

KEY FACTS:



Installation Date: November 2025



Inverter Capacity: 105kW PCS



Solar Capacity: 104 x 580W Risen B-Facial panels (115kWp)



Battery Capacity: 215kWh (Hubble HV Battery Rack)



Long Term Saving: R 50,000 per month

PEAK SHAVING

Reduces demand during peak periods, significantly lowering electricity costs.

TIME-OF-USE OPTIMISATION

Stores excess solar energy and uses it during peak times for maximum savings.

NO UNEXPECTED POWER OUTAGES

Continuous power supply guarantees smooth operations for tenants and management.

SUSTAINABLE FUTURE

Clean renewable energy reduces carbon



PROJECT SHOWCASE

DAIRY FARM

KABELE DISTRICT, UGANDA

100KW 215 KWH BATTERY ENERGY STORAGE SYSTEM

100% OFF-GRID. 100% INDEPENDENT



80%

Reduced
energy costs



215kWh

Battery Energy
Storage



100%

Uninterrupted
Operations



R 50,000

Monthly
Savings



< 3 Years

Payback
Period

Energy Independence partnered with a rural dairy farm on the Uganda-Rwanda border to implement a fully off-grid solar energy system, addressing the remote location and complete lack of grid access.

This installation powers all essential dairy equipment, including milking machines, refrigeration, and processing units, ensuring uninterrupted operations in an area with zero grid power infrastructure.

Energy Independence managed all logistics, imports, and road delivery from South Africa, delivering a robust, high-efficiency solution using top-tier components like Canadian Solar panels, Hubble batteries and Megarevo transformer based inverter PCS (power conversion system).

The system simultaneously recharges batteries and runs loads, with batteries fully charged by midday even on cloudy days, providing reliable, sustainable power, while offering flexibility for future grid or generator integration if needed.

PROJECT OBJECTIVES:



Achieve complete energy self-sufficiency in a remote environment.



Power critical dairy operations reliably and sustainably.



Minimise operational disruptions and reduce reliance on costly alternatives like generators.

KEY FACTS:



Installation Date: August 2025



Inverter Capacity: MPS 100: 100kW 3-Phase Transformer Based Inverter



Solar Capacity: 210 x 550W Canadian Solar Panels (115kW)



Battery Capacity: Hubble HV 768: 215kW HV Battery Rack



Long Term Saving: Off-Grid

SUSTAINABLE FARMING

Clean, renewable energy that supports a greener agricultural future.

UNINTERRUPTED OPERATIONS

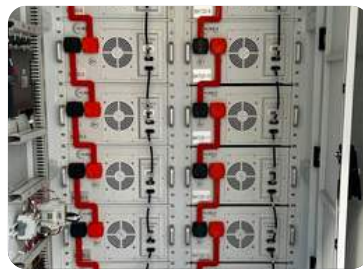
Reliable power for milking machines, refrigeration and processing units.

COST EFFICIENCY

Eliminates diesel costs and reduces operational expenses.

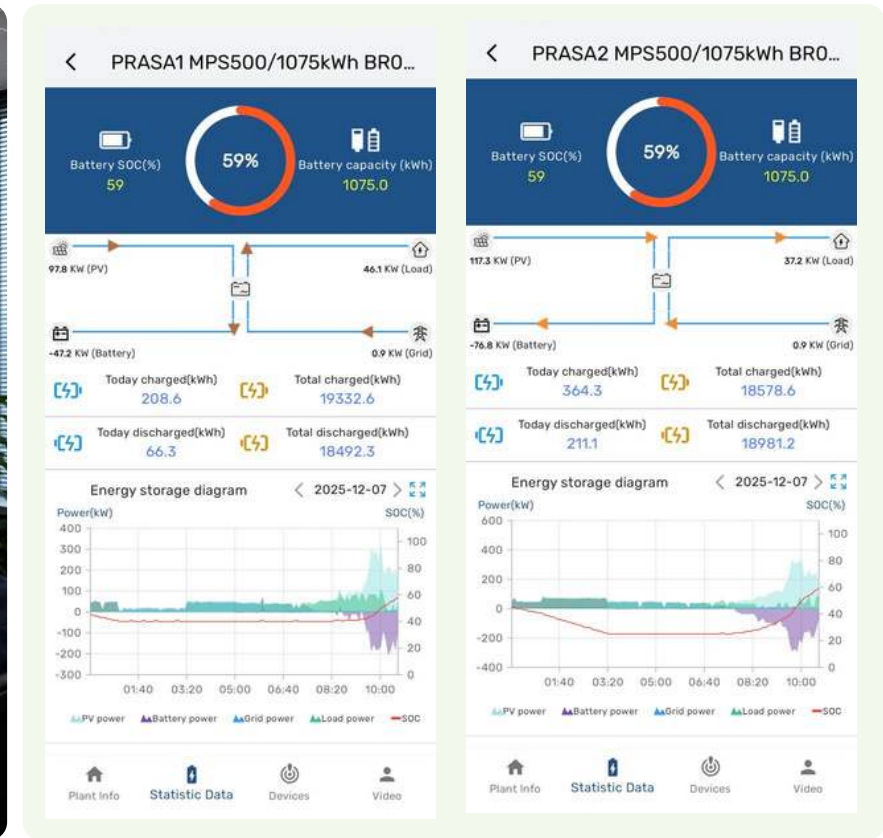
BUILT FOR REMOTE AREAS

Robust system designed for off-grid reliability in any environment.



Live Performance Monitoring Every System. Always On.

We monitor every installation in real-time to ensure optimal performance and rapid response.



Real-time Monitoring

Live visibility of system performance, generation, battery status and more.



Instant Fault Alerts

Immediate notifications allow us to act fast and minimise any downtime.



Performance Reporting

Detailed reports and analytics to track performance and maximise ROI.



24/7 System Oversight

Our expert team monitors your system around the clock for complete peace of mind.

Trusted by Leading Organisations

Across Multiple Sectors

We partner with forward-thinking organisations across a range of industries to deliver reliable, sustainable energy solutions.



RETAIL

Powering shopping centres, retail stores and commercial spaces.



COMMERCIAL

Delivering smart energy solutions for offices, businesses and industries.



HOSPITALITY

Supporting hotels, lodges and resorts with reliable, sustainable power.



AGRICULTURAL

Empowering farms and agricultural operations with clean, cost-effective energy.

OUR VALUED CLIENTS



Building lasting partnerships.
Powering a sustainable future together.



Proven expertise
across key sectors



High-quality solutions
you can rely on



Long-term value
for your business

Energy Independence

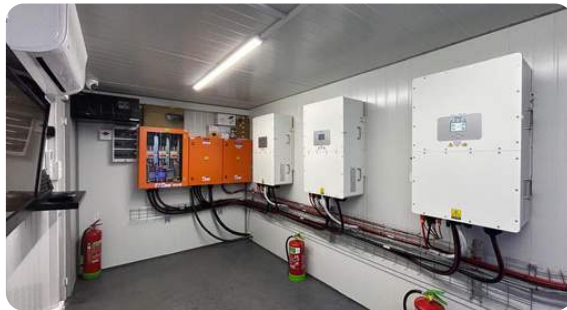
Project Gallery

RETAIL • COMMERCIAL • AGRICULTURAL • HOSPITALITY



DELIVERING RELIABLE ENERGY SOLUTIONS

Large-scale solar and storage installations
across Southern Africa.



From concept to commissioning and beyond

We power businesses. We build relationships. We deliver results.

QUALITY

Tier 1 equipment
built to last

RELIABILITY

Engineered for
performance

SUPPORT

Ongoing monitoring &
maintenance

SUSTAINABILITY

Clean energy for a
better future

Our Expertise & Certifications

Key Certifications & Partnerships

With years of hands-on experience since our founding in 2021, our team of certified engineers and technicians brings unparalleled knowledge in solar PV systems, energy storage, and backup integration.

We specialise in large-scale projects, including off-grid solutions for **Commercial, Industrial, Agriculture and Hospitality** in remote areas.



PV GREEN CARD ACCREDITED INSTALLER

Ensuring adherence to South African renewable energy standards.



KEY PARTNERSHIPS

Top-tier manufacturers like Hubble Energy, Megarevo and Risen Energy.

Our commitment to quality means every project is executed to the highest standards, reducing risks and delivering measurable results.



READY TO FIND THE RIGHT SOLUTION FOR YOUR BUSINESS?

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